

12-23-03



SMX 3137.3 (2000-021DIV1)  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of William H. Chandler, Jr.

Art Unit 1764

Serial No. 10/665,796

Filed September 19, 2003

Confirmation No. 6744

For PARALLEL REACTOR FOR SAMPLING AND CONDUCTING IN SITU FLOW-THROUGH REACTIONS AND A METHOD OF USING SAME

December 22, 2003

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, Applicant submits the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. In accordance with the Pre-OG notice of July 11, 2003 partially waiving the requirements of 37 C.F.R. 1.98(a)(2)(i), copies of the U.S. patent documents are not supplied. In addition, in accordance with M.P.E.P. §609, Applicants have not submitted copies of the listed references submitted with the parent application (Application No. 09/826,606, filed April 5, 2001). Applicants hereby submit the following references that were not submitted with the parent application: 30, 31, 33, 34, 47, 48, and 51-61.

Respectfully submitted,

Brian P. Klein, Reg. No. 44,837  
SENNIGER, POWERS, LEAVITT & ROEDEL  
One Metropolitan Square, 16th Floor  
St. Louis, Missouri 63102  
(314) 231-5400

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First Named Inventor	William H. Chandler, Jr.
Group Art Unit	1764
Examiner Name	

Sheet **1** of **5** Attorney Docket No. **SMX 3137.3 (2000-021DIV1)****U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	1	4,929,614		Calvet et al.	05/29/1990
	2	4,954,149		Fullemann	09/04/1990
	3	5,709,840		Juranas	01/20/1998
	4	5,711,917		Juranas et al.	01/27/1998
	5	5,714,127		DeWitt et al.	02/03/1998
	6	5,716,584		Baker et al.	02/10/1998
	7	5,863,507		James	01/26/1999
	8	5,888,830		Mohan et al.	03/30/1999
	9	5,961,925		Ruediger et al.	10/05/1999
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	11	6,030,917		Weinberg et al.	02/29/2000
	12	6,045,755		Lebl et al.	04/04/2000
	13	6,051,439		Antonenko et al.	04/18/2000
	14	6,074,610		Huang et al.	06/13/2000
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	16	6,126,904		Zuellig et al.	10/03/2000

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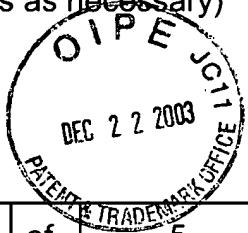
<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

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	17	6,132,686		Gallup et al.	10/17/2000
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	21	6,401,519	B1	McFarland et al.	06/11/2002
	22	6,455,316	B1	Turner et al.	09/24/2002
	23	6,489,168	B1	Wang et al.	12/03/2002
	24	6,548,026	B1	Dales et al.	04/15/2003
	25	2003/0156989	A1	Safir et al.	08/21/2003

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	26	DE	32 28 794	A1	Seelos et al.	02/02/1984	
	27	DE	43 16 163	A1	Barkley	11/24/1994	
	28	DE	295 19 602	U1	Reimann	05/30/1996	
	29	DE	298 06 957	U1	Gebr. Liebisch GmbH & Co.	07/30/1998	
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	31	FR	2 630 927	A1	Gubelmann et al.	11/10/1989	
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	34	JP	10-182501		Koike	07/07/1998	X
	35	JP	11-165063		Kitamura et al.	06/22/1999	
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	44	WO	01/21302	A1	Warner et al.	03/29/2001	

**OTHER ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	45	Abstract for German Patent No. 32 28 794 A1, entitled <i>Device for Heating up Reaction Cells and Keeping them Warm</i> , published February 2, 1984, 1 page.	
	46	Abstract for German Patent No. 43 16 163 A1, entitled <i>Method and Device for Evaporating Samples</i> , published November 24, 1994, 1 page.	
	47	Abstract for Japanese Patent No. 4-18424, entitled <i>Batch Multistage Polymerization Apparatus</i> , published January 22, 1992, 1 page.	

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Sheet	4	of	5	Attorney Docket No.	SMX 3137.3 (2000-021DIV1)
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48	Abstract for Japanese Patent No. 10-182501, entitled <i>Compound Automatically Synthesizing Apparatus and Sealing Structure for Reaction Tube Used Therefor</i> , published July 7, 1998, 1 page.	
49	Abstract for Japanese Patent No. 11-165063, entitled <i>Automatic Synthesizing Machine</i> , published June 22, 1999, 1 page.	
50	ANDREWS, et al., <i>Parallel Catalyst Screening Instrumentation</i> , HIMICA OGGI/chemistry today, March/April 2001, 3 pages.	
51	BUHLMANN, et al., <i>An Open Software Environment to Optimize the Productivity of Robotized Laboratories</i> , J. CHROMATOGR. SCI. June 1994, 243-248, Vol. 32, No. 6.	
52	CORKAN, et al., <i>Application of an Automated Chemistry Workstation to Problems in Synthetic Chemistry</i> , CHEMOM. INTELL. LAB. SYST. 1992, pp. 95-105, Vol. 17.	
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54	CORKAN, et al., <i>Experiment Manager Software for an Automated Chemistry Workstation, Including a Scheduler for Parallel Experimentation</i> , CHEMOM. INTELL. LAB. SYST.: LABORATORY INFORMATION MANAGEMENT, October 1992, pp. 47-74, Vol. 17.	
55	GEHRER, et al., <i>A Fully Programmable System for the Study of Catalytic Gas Reactions</i> , J. PHYS. E. SCI. INSTRUM. 1985, pp. 836-838, Vol. 18, No. 10.	
56	KIEZEL, et al., <i>Chemia Stosowana [Applied Chemistry], Comparative Semi-Micromethod of Studying Catalyst Activity</i> , 1968, pp. 407-415; XIL JA 107 (with translation).	X
57	LI, et al., <i>Mixing and Control of a CSTR with Series-Parallel Reactions</i> , J. CHIN. INST. CHEM. ENG. 1991, pp. 61-69, Vol. 22.	
58	LINDSEY, <i>A Retrospective on the Automation of Laboratory Synthetic Chemistry</i> , CHEMOM. INTELL. LAB. SYST. 1992, pp. 15-45, Vol. 17.	
59	NELLES, et al., <i>For Development of Test Reactors for Heterogenic Solid-Liquid-Processes</i> , CHEM. TECH. 1975, pp. 714-716, Vol. 27 (with translation).	X
60	SALVET, et al., Chem. Abstr. 1997, 126, abstract 200993h.	

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